

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the base plate of the turret must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

2. Claim 4 is objected to because of the following informalities: lines 4 and 5, "combat" should be --combat vehicle--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claim 4 is rejected under 35 U.S.C. 102(b) as being anticipated by US Patent No. 4,275,639 to Garber.

5. Re claim 4, Garber discloses the claimed invention including a combat vehicle, col. 2, line 56, having a vehicle body* that is carried by a chassis* and in which is disposed a crew compartment*, wherein an unmanned turret, col. 2, line 55, which is pivotable in azimuth*, via a turntable* disposed on a roof plate **23**, is disposed on an upper side* of said vehicle body, and wherein said turret contains a weapon, col. 2, line 55, that is pivotable in elevation*, said combat vehicle comprising: a panoramic viewing device **11**, Fig. 2, for example, embodied as a glass **26** optical direct viewing device and including a viewing head **24**, Fig. 2, for example, that is disposed above said roof plate on an azimuthal axis **33** of rotation of said turret; a rotationally symmetrical passageway **29** that extends through said turret, coaxial to said axis of rotation, from said roof plate to a base plate of said turret; and an optical viewing channel **13** that is guided through said passageway and connects said viewing head with a viewing part **14** of said viewing device that is disposed in said crew compartment, wherein at least said viewing head is pivotable**, relative to said vehicle body, by at least 360° in azimuth, independently of a position and rotation of said turret. *These elements, while perhaps not explicitly disclosed, are considered to be inherent in the vehicle as disclosed by Garber. **With respect to the recitation

that at least the viewing head is pivotable by at least 360° in azimuth, there would appear to be nothing in Garber to eliminate this as the normal and usual operation of the device as disclosed.

6. Re claim 5, Garber further discloses the device wherein said optical viewing channel is disposed within a tube **31** that connects said viewing head with said viewing part.

7. Re claim 6, Garber further discloses wherein said viewing part, said tube, and said viewing head are embodied as a common component that is pivotable independently of said turret and is fixed to a hull of said vehicle, as set forth above.

Conclusion

Any inquiry concerning this communication should be directed to Bret Hayes at telephone number (571) 272 – 6902 or email address bret.hayes@uspto.gov, which is preferred. The examiner can normally be reached Monday through Friday from 5:30 am to 2:00 pm, Eastern Standard Time.

The Central FAX Number is **571-273-8300**.

If attempts to contact the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Carone, can be reached at (571) 272 – 6873.

/Bret Hayes/

Primary Examiner, Art Unit 3641

8-Jan-08